

Stone Harbor Investment Partners, LLC – 2021 RTS 28  
Table 2

Class of Instrument	Equities – Tick size liquidity band 5&6				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equities – Tick size liquidity band 3&4				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
--	-----	-----	-----	-----	-----

Class of Instrument	Equities – Tick size liquidity band 1&2				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Debt Instruments - Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JPMorgan Chase Bank, National Association (7H6GLXDRUGQFU57RNE97)	16.37%	17.30%	N/A	N/A	N/A
Citibank, N.A. (E57ODZWZ7FF32TWEFA76)	11.08%	10.24%	N/A	N/A	N/A
HSBC Bank USA (1IE8VN30JCEQV1H4R804)	9.06%	9.42%	N/A	N/A	N/A

Goldman Sachs International (W22LROWP2IHZNBB6K528)	8.31%	6.59%	N/A	N/A	N/A
Deutsche Bank Aktiengesellschaft (7LTFWZYICNSX8D621K86)	7.21%	6.82%	N/A	N/A	N/A

Class of Instrument	Debt Instruments – Money Market Instruments				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Interest Rate Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Barclays Capital Inc (AC28XWWI3WIBK2824319)	87.28%	94.75%	N/A	N/A	N/A

JPMorgan Securities PLC (K6QOW1PS1L1O4IQL9C32)	12.72%	5.25%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Interest Rate Derivatives – Swaps, forwards, and other interest rate derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Credit Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Credit Derivatives – Other credit derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Currency Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Currency Derivatives - Swaps, Forwards, and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JPMorgan Chase Bank National Association (7H6GLXDRUGQFU57RNE97) Citibank, N.A. (E57ODZWZ7FF32TWEFA76)	41.12%	35.08%	N/A	N/A	N/A
Citibank, N.A. (E57ODZWZ7FF32TWEFA76)	29.24%	31.54%	N/A	N/A	N/A
Goldman Sachs International (W22LROWP2IHZNBB6K528)	24.71%	26.12%	N/A	N/A	N/A
HSBC BANK USA (1IE8VN30JCEQV1H4R804)	2.21%	1.73%	N/A	N/A	N/A
Banco Santander S.A. (549300T3TP2IYV4PHY98)	0.72%	1.36%	N/A	N/A	N/A

Class of Instrument	Structured Finance Instruments
Notification if <1 average trade per business day in the previous year	Y

Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equity Derivatives – Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equity Derivatives – Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	Y				

Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Securitized Derivatives – Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A



Class of Instrument	Securitized Derivatives – Other Securitized Derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Commodities Derivatives and emission allowance derivatives – Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Contracts for Difference				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Exchange Traded Products				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
--	-----	-----	-----	-----	-----

Class of Instrument	Emission Allowances				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Other Instruments				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Stone Harbor Investment Partners LP – 2018 RTS 28  
Table 3

Class of Instrument	Equities – Tick size liquidity band 5&6				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equities – Tick size liquidity band 3&4				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equities – Tick size liquidity band 1&2				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Debt Instruments - Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Debt Instruments – Money Market Instruments				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Interest Rate Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage	Proportion of orders executed as percentage of	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders

	of total in that class	total in that class			
Name and Venue Identifier (MIC or LEI)	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Interest Rate Derivatives – Swaps, forwards, and other interest rate derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Credit Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage	Proportion of orders executed as percentage	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders

	of total in that class	of total in that class			
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Credit Derivatives – Other credit derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Currency Derivatives – Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a	Proportion of orders executed as	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders



	percentage of total in that class	percentage of total in that class			
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Currency Derivatives - Swaps, Forwards, and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Structured Finance Instruments
Notification if <1 average trade per business day in the previous year	Y

Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equity Derivatives – Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Equity Derivatives – Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	Y				

Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Securitized Derivatives – Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Securitized Derivatives – Other Securitized Derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Commodities Derivatives and emission allowance derivatives – Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Contracts for Difference				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Exchange Traded Products				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
--	-----	-----	-----	-----	-----

Class of Instrument	Emission Allowances				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Class of Instrument	Other Instruments				
Notification if <1 average trade per business day in the previous year	Y				
Top 5 venues ranked in terms of volume (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A